

SPECIFICATIONS
E FAST • TREAT

GENERAL

The contractor shall furnish and install (1) one Single Home FAST™ treatment system as manufactured by Smith & Loveless, Inc. The treatment system shall be complete with all needed equipment as shown on the drawings and specified herein.

The principal items of equipment shall include: FAS[®] system insert, blower assembly, controls, alarms, ventilation system, and all other appliances required for proper installation and operation. The Single Home FAS[®] unit shall be situated within a 1500 gallon (minimum) tank, as shown on the plans. The contractor shall provide coordination between the FAS[®] system and tank supplier with regard to fabrication of the tank, installation of the FAS[®] unit, and delivery to the job site.

Equipment shall be furnished to the project site factory tested and assembled. Separate subassemblies subject to damage in shipment or handling shall be packaged or crated for on-site contractor installation.

BLOWER

The Single Home FAST[®] unit shall come equipped with a regenerative type blower. The blower assembly shall include an inlet filter with replaceable filter element.

The blower shall be driven by a 1/3 HP, 115 volt, single phase, 60 hertz, horizontal, totally enclosed and fan cooled electric motor.

REMOTE MOUNTED BLOWER

The blower shall be mounted remote from the Single Home FAST[®] unit on a contractor supplied concrete base. A one-toe rectangular housing shall be provided with a tamperproof top lock. A local disconnect shall also be provided under the housing. The discharge air line from the to the Single Home FAST[®] unit shall be provided and installed by the contractor. Discharge air line must be the same or larger diameter as the blower discharge.

ELECTRICAL

The treatment system shall be designed to operate on standard household current. The input power required is 115 volts, single phase, 60 hertz, 20 amps. All conduit and wiring between the electrical control panel and the power supply and between the panel and blower shall be furnished and installed by the contractor.

CONTROLS

Controls for the system shall be mounted in a Nemo 4 enclosure located outside the residential dwelling and shall be as detailed on the plans.

ALARMS

The alarm system shall consist of a visual alarm to indicate failure of the blower. The alarm shall be located as shown on the plans.

The alarm system shall also include an audible alarm horn

shall be equipped with a silence switch for manual silencing of the alarm horn.

INSTALLATION AND OPERATING INSTRUCTIONS

Installation of the Single Home FAST[®] treatment system shall be done in accordance with the written instructions provided by the Manufacturer. Operation manuals shall be furnished which will include a description of operation and system upkeep procedures.

Blower must be within 100 feet (30.5m) of FAST® unit and use a maximum of 4 elbows in the piping system (☹ 100 ft.). For distances greater than 100 ft., consult factory. Blower must be located above normal flood levels.

Vent to be located above finish grade or higher to avoid infiltration. Cap with 6" vent grade w/ at least 7.1 sq. in. open surface area. Secure with stainless steel screws.

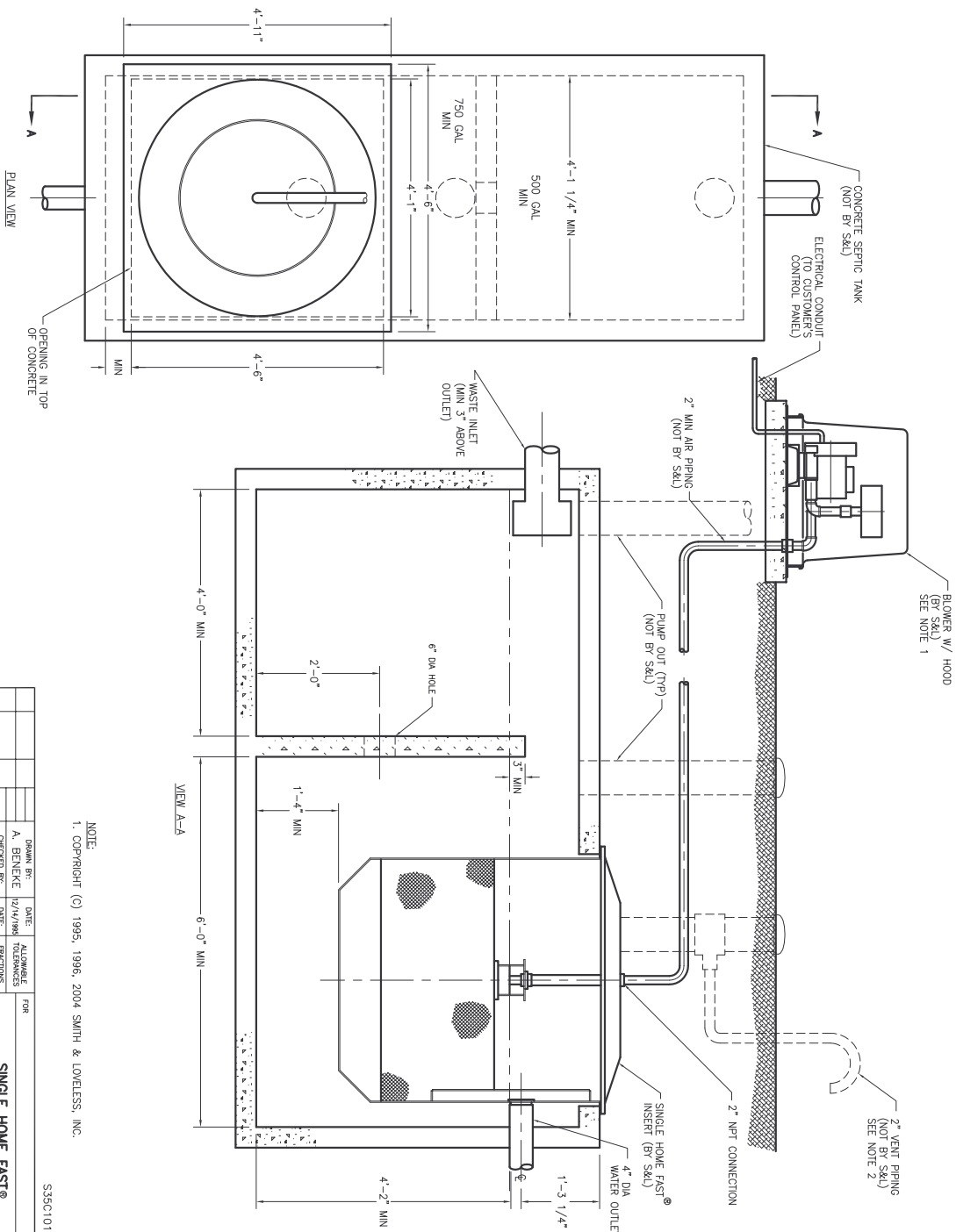
All appliances to FAST® (e.g. septic tank, pump outs, ect.) must conform to all country, state, province and local codes.

The primary compartment may be a separate tank

Four leg extensions may be used to stand unit in tank eliminating need for lid.

STARTU

The Manufacturer shall provide the services of a factory trained representative for a maximum period of one day on-site to perform initial startup of the FAST system and to inspect the operation and installation of the equipment.



NOTE:
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SINGLE HOME FAST® WITH REMOTE BLOWER									
FORM									
DRUMS BRT	DATE	ALLOWABLE TOLERANCES							
A. BLENKE	1/27/1996	FRACTIONS							
ORDERED BY	DATE	QUANTITY							
APPROVED BY	DATE	DESCRIPTORS							
B. N2004-6 / 1/2004	1/27/96	1							
C. N2004-9 / 1/2004	1/27/96	1							
D. N2004-6 / 1/2004	1/27/96	1							
E. N2004-9 / 1/2004	1/27/96	1							
F. N2004-6 / 1/2004	1/27/96	1							
G. N2004-9 / 1/2004	1/27/96	1							
SCALE: NTS	9	ANGLES							
DATE APPROVED	1/27/96	1/27/96							
SIGNED _____ Smith & Associates, Inc. 1/27/96									
TOTAL SALES		SALES \$356,010							
TOTAL INVENTORY		INVENTORY \$356,010							
TOTAL PERIOD		PERIOD 1-32,000							

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